

Technical data sheet Polipur Termoacustica B2
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POLIPUR TERMOACUSTICA B2

Highly insulating one-component polyurethane foam
thermo-acoustic insulation. For gun application.

DESCRIPTION

Polipur Termoacustica B2 is a one-component polyurethane foam for insulation and assembly developed to create sealing between construction elements. It polymerises through environmental and building material.

AREAS OF APPLICATION

Developed to create high thermal, acoustic and air insulation in connection joints around frames of wooden, PVC and aluminium windows; in construction joints, partition walls, ceilings and floors; to seal the penetration of pipes and vents through walls and floors. Excellent adhesion to concrete, brick, stone, plaster, wood, metals and various plastics such as EPS and XPS.

FEATURES

- High-quality professional polyurethane foam
- Excellent stability, does not shrink
- High thermal and acoustic insulation
- Provides sound reduction and prevents drafts
- Reaction to fire: class B2 (DIN 4102)
- High adhesion to most building materials
- 750 ml format available for application with automatic gun
- Paintable

TECHNICAL DATA

Colour	Light yellow
Specific gravity [g/cm ³] (NPT Method 06) (23°C and 50% RH)	Ca. 17
Volume yield (l per 750 ml) (FEICA TM 1003)	Ca. 55
Linear yield (m per 750 ml) (joint 3 x 5 cm)	Ca. 17
Skin Time (min) (23°C, 50% R.H.)	12-16
Cutting time (3 cm) (min) (23°C, 50% R.H.)	30-40

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Application temperatures [°C]	10 ÷ 25
Tensile strength [N/mm ²] (ISO 8339)	>6
Compression strength [N/cm ²] (DIN 53421)	>2
Thermal conductivity/20°C [W/m ² K]	Ca. 0.033
Operating temperatures [°C]	-40 ÷ + 90
Dimesional stability (%) (Shrinkage)	<2
Water vapour permeability [mg/(m·hPa)] (EN 12086)	<0.06
Acustic insulation (dB) (EN ISO 717-1)	62
Flammability class (DIN 4102, 1° part)	B2

APPLICATION

Shake well before use. Well cleaned and degreased surfaces can be slightly moistened before application to improve adhesion and cross-linking. Screw the spray can onto the spray gun and apply according to the instructions indicated. For subsequent applications (beyond 18 hours) immediately clean the dispensing valve and the gun with Sigill SCIOGLISCHIUMA.

CLEANING OF EQUIPMENT AND PERSONAL PROTECTIVE MEASURES

Caution, do not touch the foam with your hands: unhardened foam can be cleaned with SIGILL SCIOGLISCHIUMA. If hardened, it can only be removed mechanically!

PACKAGING

750 ml canister matic 12 pieces per box

STORAGE AND SHELF LIFE

The product can be stored for 12 months from the production date in the original packaging. Storage temperature between 5°C and 30°C in a cool, dry place. Keep away from sources of moisture, heat sources and from direct contact with sunlight.

GENERAL INFORMATION

The information contained in this data sheet represents the best of our knowledge. However, this document cannot be regarded as a guarantee that the product will be used and applied in accordance with the instructions provided. Successful application is beyond our control and depends on many factors. We accept no responsibility for the misuse of the product, the recommendations in this document should be considered general guidelines. If any doubts remain, please carry out preliminary tests. NPT Srl, reserves the right to modify and update the data sheet without prior notice. Customers are kindly requested to check that they have the latest version.

ALWAYS CONSULT THE SAFETY DATA SHEET BEFORE USING THE PRODUCT